

# *Project Baseline Summary Report*

Data Source: **EM CDB**  
Operations/Field Office: **Savannah River**  
Site Summary Level: **Savannah River Site**  
Project **SR-IN04 / Domestic Water Line Item**

Report Number: **GEN-01b**  
Print Date: **3/9/2000**  
HQ ID: **0103**

---

## **General Project Information**

### **Project Description Narratives**

#### **Purpose, Scope, and Technical Approach:**

Definition of Scope: This project was completed in FY 1998.

#### **Project Status in FY 2006:**

Completed

#### **Post-2006 Project Scope:**

None

#### **Project End State**

Project is complete and turned over to operations.

#### **Cost Baseline Comments:**

Project complete in FY 1998.

#### **Safety & Health Hazards:**

The Infrastructure Program facilitates use of Site general areas and provides for maintenance of common shared services such as roads, bridges, utility facilities, central sanitary facilities and etc. Infrastructure supports facilities that have chemical and radiological hazards, but does not generally participate in their control and monitoring. For Infrastructure, typically only those hazards associated with work at an industrial facility are present.

The current scope of this project is expected to complete in early FY 1998. All TEC funding to execute the current scope has been appropriated and there is only minimal OPC funding required in FY 1998 to complete and close the project. Consequently, a safety and health hazard analysis has not been prepared for this project.

#### **Safety & Health Work Performance:**

Activities and check points are described by the Integrated Management System Description. The conditions and requirements are clearly established and agreed upon prior to the starting of any project and those requirements are contractually binding upon WSRC. The key elements of the WSRC Integrated Safety Program are to define the scope of work, identify and analyze hazards associated with the work, develop and implement hazard controls, perform work within controls, and provide feedback on adequacy of controls and continue to improve safety management. The WSRC Integrated Procedures Management System is the primary mechanism for implementing the objective, principles and functions of the Safety Management System. This system establishes Company-Level, Division-level, and Program-specific procedures consistent with organizational roles, and ensures a consistent, discipline site-wide approach to safety while performing work. The resource description, costs and skill mix are defined in the following Sections: Costs D.2.2 and D.3, FTEs D. 2.5 and 2.7 of this document.

---

Dataset Name: **FY 1999 Planning Data**

Date of Dataset: **9/20/1999**

# Project Baseline Summary Report

Data Source: **EM CDB**  
Operations/Field Office: **Savannah River**  
Site Summary Level: **Savannah River Site**  
Project **SR-IN04 / Domestic Water Line Item**

Report Number: **GEN-01b**  
Print Date: **3/9/2000**  
HQ ID: **0103**

## Project Description Narratives

### PBS Comments:

Capital funding for this line item project was fully appropriated and authorized in prior years. Based on a comparative risk evaluation against EM criteria, this project is evaluated as Priority 1 and included in the target funding case for FY97 and FY98 operating funding.

If the operating funding needed to support OPC activity in FY98 is not provided, the currently funded capital scope cannot be executed and project activities will be suspended or delayed. This would preclude full compliance with SCDHEC regulations and may result in enforcement action such as consent agreements and/or imposition of fines. Also, the reliability and safety of the domestic water systems will be jeopardized.

TEC and OPC funding requirements along with scope and schedule impacts for L Area improvements have been addressed in a baseline change proposal.

### Baseline Validation Narrative:

Project Review

## General PBS Information

Project Validated?	Yes	Date Validated:	5/1/1995
Has Headquarters reviewed and approved project?	No		
Date Project was Added:	12/1/1997		
Baseline Submission Date:	7/3/1999		
FEDPLAN Project?	Yes		

Drivers:	CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	N	N	N	N	N	Y	N	Y

## Project Identification Information

DOE Project Manager:	L. E. Snyder
DOE Project Manager Phone Number:	803-725-4993
DOE Project Manager Fax Number:	803-725-0375
DOE Project Manager e-mail address:	larry.snyder@srs.gov
Is this a High Visibility Project (Y/N):	

Dataset Name: **FY 1999 Planning Data**

Date of Dataset: **9/20/1999**

# Project Baseline Summary Report

Data Source: EM CDB

Report Number: GEN-01b

Operations/Field Office: Savannah River

Print Date: 3/9/2000

Site Summary Level: Savannah River Site

HQ ID: 0103

Project SR-IN04 / Domestic Water Line Item

## Planning Section

### Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006	
PBS Baseline (current year dollars)	6,759	0	6,759	4,733	4,733	2,002	2,002	24	0	0	0	0	0	0	0	
PBS Baseline (constant 1999 dollars)	6,759	0	6,759	4,733	4,733	2,002	2,002	24	0	0	0	0	0	0	0	
PBS EM Baseline (current year dollars)	6,759	0	6,759	4,733	4,733	2,002	2,002	24	0	0	0	0	0	0	0	
PBS EM Baseline (constant 1999 dollars)	6,759	0	6,759	4,733	4,733	2,002	2,002	24	0	0	0	0	0	0	0	
	2007	2008	2009	2010	2011- 2015	2016- 2020	2021- 2025	2026- 2030	2031- 2035	2036- 2040	2041- 2045	2046- 2050	2051- 2055	2056- 2060	2061- 2065	2066- 2070
PBS Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (current year dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PBS EM Baseline (constant 1999 dollars)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

### Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
0.00%	0.00%	0.00%	3.60%	3.60%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%

Dataset Name: FY 1999 Planning Data

Page 3 of 5

Date of Dataset: 9/20/1999

# Project Baseline Summary Report

Data Source: EM CDB

Operations/Field Office: Savannah River

Site Summary Level: Savannah River Site

Project SR-IN04 / Domestic Water Line Item

Report Number: GEN-01b

Print Date: 3/9/2000

HQ ID: 0103

2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%

## Project Reconciliation

### Project Completion Date Changes:

Previously Projected End Date of Project: 3/1/1998

Current Projected End Date of Project: 12/31/1998

Explanation of Project Completion Date Difference (if applicable):

### Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars):	7,988	Actual 1997 Cost:	4,733	Actual 1998 Cost:	2,002
Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars):	1,253	Inflation Adjustment (2.7% to convert 1998 to 1999 dollars):			34
Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	1,287				

### Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):		
Cost Reductions Due to Efficiencies (-):		
Cost Associated with New Scope (+):		
Cost Growth Associated with Scope Previously Reported (+):	-1,263	Last year's estimate used estimated instead of actual costs. Remainder of estimate returned.
Cost Reductions Due to Science & Technology Efficiencies (-):		
Subtotal:	24	
Additional Amount to Reconcile (+):	0	
Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	24	

Dataset Name: FY 1999 Planning Data

Date of Dataset: 9/20/1999

Page 4 of 5

# Project Baseline Summary Report

Data Source: **EM CDB**

Operations/Field Office: **Savannah River**

Site Summary Level: **Savannah River Site**

Project **SR-IN04 / Domestic Water Line Item**

Report Number: **GEN-01b**

Print Date: **3/9/2000**

HQ ID: **0103**

## Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
Project Start	SR-IN04-001		10/1/1996								
Project Complete	SR-IN04-002		12/31/1998								

## Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critical Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
Project Start	SR-IN04-001			Y							
Project Complete	SR-IN04-002				Y						